

**EPA Superfund
Record of Decision Amendment:**

**ANACONDA CO. SMELTER
EPA ID: MTD093291656
OU 15
ANACONDA, MT
01/06/1988**

RECORD OF DECISION FIRST AMENDMENT

Site Name and Location

Anaconda Smelter Site, First Operable Unit, Mill Creek, Montana

Description of Amendment

A health-based performance goal for drinking water at the tap in Mill Creek was erroneously included on page 48 in the October 20, 1987, Mill Creek, Montana, Record of Decision (ROD). This performance goal is not relevant for the selected remedy, as indicated on page IV.B. of Appendix D of the Mill Creek Feasibility Study.

Incorrect background levels of arsenic and cadmium in air of 0.23 ng/m³ and 0.6 ng/m³, respectively, were also identified for health-based performance goals on page 48 of the ROD. The correct numbers for background levels of arsenic and cadmium in air are 0.01 ug/m³ for each element, as noted on page A-10 of Appendix D of the Mill Creek Feasibility Study.

A typographical error was made at the top of page 47 of the Mill Creek ROD. The second "bullet" point on the page should have been included in parentheses as part of the first.

On page 47 a typographical error was also made concerning the Federal Water Quality Criteria for copper. The incorrect value of 0.0055 mg/l for aquatic life is corrected to be 0.0065 mg/l.

The attached amended pages 47 and 48 are hereby substituted for the original pages in the October 2, 1987, ROD, in order to correct these errors.

In addition two additional documents are being added to the administrative record inventory because they were considered in development of the Mill Creek Endangerment Assessment. These documents are:

1. December 17, 1985 letter from Dr. Stephen Margolis, Acting Director, Office of Health Assessment, ATSDR, to Mr. Robert L. Duprey, Director Waste Management Division, Region VIII (Administrative Record File No. 2021708,100002 c and d).
2. Endangerment Assessment Mill Creek, Montana, Anaconda Smelter Site, Final Report, for Internal Review (Administrative Record File No. 2021708,100002b).

The Responsiveness Summary is also amended to address an additional issue as set forth below:

Comment Margolis (page 2, paragraph 6): "The Endangerment Assessment uses the unit risk derived from the Ott study of lung cancer as a 'reasonable upper limit' for estimating risk. These data have been rejected by EPA as unreliable for use in lifetime risk assessment (because of small numbers of deaths, most of them occurring in people with less than 1 year exposure) and should not be used in that way."

Response: The current endangerment assessment, as did the previous version, specifically points out that the Ott study data were eliminated prior to calculating the inhalation unit risk for arsenic.



James J. Scherer
Regional Administrator
EPA Region VIII

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Date

Attachments